



PATENT  
Attorney Docket No. 212311  
Client Reference No. 154795.02

#6/13  
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4-2304

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED

In re Application of:

Vetrivelkumaran et al.

Application No. 09/681,844

Filed: June 15, 2001

For: Application Program Caching

Art Unit: 2153

Examiner: Yasin M. Barqadle

APR 19 2004

Technology Center 2100

CERTIFICATE OF MAILING

I hereby certify that this RESPONSE TO OFFICE ACTION (along with any documents referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Non-Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Date: 4/9/04 Susan Matz

RESPONSE TO OFFICE ACTION

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated January 9, 2004, please enter the following amendments and consider the following remarks.



In re Application of: Vetrivelkumaran  
 Application No. 09/681,844  
 Filed: June 15, 2001  
 For: APPLICATION PROGRAM CACHING

**RECEIVED**

APR 19 2004

Technology Center 2100

Mail Stop  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

Transmitted herewith is a response to an office action in the subject application.

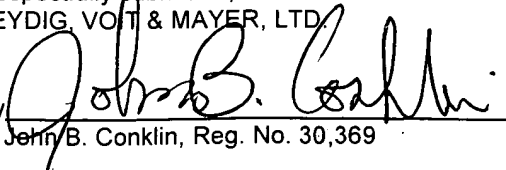
- ☐ Small entity status is claimed for this application under 37 CFR 1.27.
- ☐ Petition for an extension of time for the period noted below, as well as for any additional period necessary to render the present submission timely. Please charge Deposit Account No. 12-1216 for the appropriate petition fee.
- ☐ Other:
- ☒ Please charge Deposit Account No. 12-1216 in the total amount indicated below. A duplicate copy of this transmittal sheet is enclosed herewith.

					SMALL ENTITY		OTHER THAN A SMALL ENTITY		
TIME EXTENSION PETITION FEE			none		\$ 0.00		\$ 0.00		
		subtract time extension fee previously paid		none		(\$ 0.00)		(\$ 0.00)	
CLAIM FEE		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	EXTRA CLAIMS PRESENT	RATE	ADDIT. CLAIM FEE	RATE	ADDIT. CLAIM FEE
TOTAL		46	MINUS	48	=0	x 9=	\$	x 18=	\$
INDEPENDENT		7	MINUS	7	=0	x 43=	\$	x 86=	\$
<input type="checkbox"/>	FIRST PRESENTATION OF MULTIPLE CLAIM					+ 145=	\$	+ 290=	\$
TOTAL AMOUNT TO BE CHARGED TO DEPOSIT ACCOUNT						TOTAL	\$	TOTAL	\$0.00

- ☒ The Commissioner is hereby authorized to charge any deficiencies in the following fees associated with this communication or credit any overpayment to Deposit Account No. 12-1216.
- ☒ Any filing fees under 37 CFR 1.16 for the presentation of extra claims.
- ☒ Any patent application processing fees under 37 CFR 1.17.

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Respectfully submitted,  
 LEYDIG, VOIT & MAYER, LTD.

By   
 John B. Conklin, Reg. No. 30,369